

Yellow Mercuric Oxide

Chemical Formula:-HgO

Mol.Wt: 216.6

- Colour:-Yellow to orange according to temp at time of preparation
- Odour:- odourless
- Solubility:- in Soluble in water& alcohol but soluble in acids

Storage :-

- Should be stores in tightly closed containers .protected fro light
- Chemical properties:-
- Stable in air
- form red oxide slowly develops on exposure to light.

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Action & Uses:-

- local antibacterial.
- also mild antiseptic action used in ophthalmology for treating no. of inflammatory conditions.
- also used for the treatment of fungal infection of the skin & infestations of body lice.

Ammoniated Mercury

Chemical formula:- $\text{NH}_2 \cdot \text{HgCl}$

Synonym:- Amminochloride of mercury, white precipitate

- Mol.wt- 252.1
- Colour:- White
- Solubility:- Insoluble In water, alcohol, ether.

Storage :-

- Should be the amber colored container (*on exposure to light it darkens*).

Action & uses:-

- 1) acts as mild antiseptic (*slow release of mercuric ions*.)
- 2) topically used in treatment of various skin infections caused by fungi, lice & other infestations.
- 3) Commonly employed in 5% strength as ointment & also as dusting powder.